Skill Set Crosswalk for Information and Communications Technology Cluster

	Glencoe High School								
	Portland Community College								
	Computer Technology								

Classes >	Programming 1	Programming 1	AP Comp Science/ Programming 2	AP Comp Science/ Programming 2	CAS 111D Beginning Website Creation/ Dreamweaver	CAS 133 Basic Computer Skills/ Microsoft Office	CAS 137 Beginning Web Site Creation: Dreamweaver	CAS 206 Principles of X/HTML	CAS 215 CSS and Dynamic HTML

Indicate what level the skill is taught in each course: 1 = Introductory; 2 = Reinforcement; 3 = Advanced; 4 = Mastery/Application

Code Number	KS Statement								
ITCi01.01	Use oral and written communication in creating, expressing, and interpreting information and ideas within the information and communication technologies cluster occupations	3	3	3	3	x	x	x	x	x
ITCi02.01	Exhibit ethical and professional behavior	3	3	3	3	x	x	x	x	x
ITCi03.01	information and communication technologies cluster to access, manage, integrate, and create information	4	4	4	4	x	x	x	x	x
ITCi04.01	within the information and communication technologies cluster	3	3	3	3	0	x	x	0	0
ITCi05.01	Perform problem solving and troubleshooting for information and communication cluster	3	3	3	3	x	x	x	x	x
ITCi06.01	Demonstrate an understanding of systems within the information and communication technologies environment	3	3	3	3	x	x	x	x	x
ITCi07.01	maintenance of technological systems critical to the information and communication technologies cluster	1	1	1	1	x	x	x	x	x
ITCi08.01	Understand and adhere to safety, health, and environmental standards and regulations	1	1	1	1	0	0	0	0	0
ITCi09.01	Demonstrate ability to develop, implement, and maintain cybersecurity	1	1	1	1	0	0	0	0	0
ITCi10.01	Demonstrate ability to manage projects	2	2	2	2	x	x	x	x	x
ITCi11.01	Demonstrate ability to manage, monitor, and evaluate work processes and procedures	2	2	2	2	0	0	0	0	0

Skill Set Crosswalk for Programming and Software Engineering

	Glencoe High School						
	Portland Community College						
	Computer Technology						
Classes >	Programming 1	Programming 1	AP Comp Science/ Programming 2	AP Comp Science/ Programming 2	CIS 120 Computer Concepts I	CIS 121 Computer Concepts II	CIS 122 Software Design

Indicate what level the skill is taught in each course: 1 = Introductory; 2 = Reinforcement; 3 = Advanced; 4 = Mastery/Application

Code Number	KS Statement							
ICPEi01.01	Perform analysis of customer requirements	2	2	3	3	x	x	x
ICPEi02.01	Develop structure	4	4	4	4	x	x	x
ICPEi03.01	Design and develop program	4	4	4	4	x	x	x
ICPEi04.01	Implement program.	4	4	4	4	x	x	x
ICPEi05.01	Test and validate program	4	4	4	4	x	x	x
ICPEi06.01	Release product	1	1	1	1	x	x	x